



(use as many sheets as necessary)

1

of

1

Complete if Known

09/871.415

May 30, 2001

Stephen G. Perlman

2131

Aravind K. Moorthy

4259P070

U.S. PATENT DOCUMENTS

Examiner Signature		Date Considered	8/18/05
-----------------------	---	--------------------	---------

*Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. *Applicant is to place a check mark here if English language translation is attached.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(use as many sheets as necessary)

Complete if Known

Application Number	09/871,415
Filing Date	May 30, 2001
First Named Inventor:	Stephen G. Perlman
Art Unit	2131
Examiner Name	Moorthy, Aravind K.
Attorney Docket Number	004259.P070

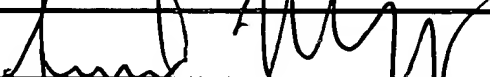
Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
AM		US-	4,944,008	7/24/1990	Piosenka, et.al.	
AM		US-	5,574,964 A	11/12/1996	Hamlin, Christopher L.	
AM		US-	5,584,023	12/10/1996	Hsu	
AM		US-	5,650,831	7/22/1997	Farwell	
AM		US-	5,721,727	2/24/1998	Ashi	
AM		US-	5,734,862	3/31/1998	Kulas	
AM		US-	5,819,298	10/6/1998	Wong, et al	
AM		US-	5,870,477	2/9/1999	Sasaki, et. Al.	
AM		US-	5,940,073	8/17/1999	Klosterman	
AM		US-	5,963,909	10/5/1999	Warren, et al.	
AM		US-	6,005,938	12/21/1999	Banker, et al.	
AM		US-	6,014,693	1/11/2000	Ito, et al.	
AM		US-	6,024,694	1/11/2000	Aharoni, et al.	
AM		US-	6,044,396	3/28/2000	Adams	
AM		US-	6,049,694	4/11/2000	Kassatly	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
AM		EP	0 971 358	A2	1-12-2000	Yoshkik, Kuno		
AM		EP	0 364 229	A2	4-18-1990	Yokono, Shigeru, et al		
AM		EP	0 676 761	A1	10-11-1995	Igarashi, Tatsuya, et al.		
AM		EP	0 693 727	A1	1-24-1996	Tsukamoto, Junichi, et al.		
AM		EP	0 714 204	A2	5-29-1996	Park, Tae Joon		

Examiner Signature		Date Considered	8/18/05
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SEP 13 2004

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/871,415
Filing Date	May 30, 2001
First Named Inventor:	Stephen G. Perlman
Art Unit	2131
Examiner Name	Moorthy, Aravind K.
Attorney Docket Number	004259.P070

Sheet 2 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
AM		US-	6,084,583	7/4/2000	Gerszberg et al.	
AM		US-	6,118,498	9/12/2000	Reitmeir Glenn Arthur	
AM		US-	6,138,147	10/24/2000	Weaver, et al.	
AM		US-	6,141,356	10/31/2000	Gorman	
AM		US-	6,188,397 B1	2/13/2001	Humpleman, Richard	
AM		US-	6,336,731 B1	4/2/2002	Na, et al.	
AM		US-	6,360,368 B1	3/19/2002	Chawla,	
AM		US-	6,526,580 B2	2/25/2003	Shimomura, et al.	
AM		US-	6,578,070 B1	6/10/2003	Weaver, et al.	
AM		US-	6,603,488 B2	8/5/2003	Humpleman, Richard	
AM		US-	6,611,503 B1	8/26/2003	Fitzgerald, et al.	
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
AM		EP	0 749 244	A2	12-18-1996	Yukio, Kurano, et al.		
AM		EP	0 753 964	A1	1-15-1997	Meunier, Paul Louis et al.		
AM		EP	0 756 393	A1	1-29-1997	Pirat, Patrick		
AM		EP	0 773 681	A2	5-14-1997	Park, Tae Joon		
AM		EP	01 079 581	A2	2-28-2001	Choo, Tse Huong		

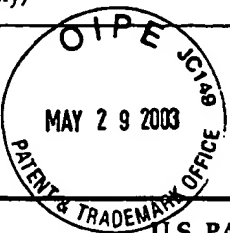
Examiner Signature		Date Considered	8/16/07
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 004259.P070		Application Number: 09/871,415	
Confirmation No. 9275		First Named Inventor: Stephen G. Perlman		Examiner: Unassigned	
Page 1 of 1		Filing Date: May 30, 2001		Art Unit: 2131	




U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (If known)			
<i>AM</i>		5,146,325		Ng	09-08-1992	
<i>AM</i>		5,734,589		Kostreski, et al.	03-31-1998	
<i>AM</i>		5,883,869		Tamai, et al.	03-16-1999	
<i>AM</i>		6,108,422		Newby, et al.	08-22-2000	
<i>AM</i>		6,226,241	B1	D'Amato, et al.	05-01-2001	
					RECEIVED	
					MAY 30 2003	

Technology Center 2100

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No.¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁶
		Office³	Number⁴	Kind Code⁵ (If known)				
<i>AM</i>		WO	01/37546	A2	Luc Vantalón, et al.	05-25-2001		
<i>AM</i>		WO	01/04893	A1	Shimotashiro, et al.	01-18-2001		

Examiner Signature		Date Considered	8/10/01
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

→ +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	09/871,415
				Filing Date	May 30, 2001
				First Named Inventor	Stephen G. Perlman
				Group Art Unit	2131
				Examiner Name	Unassigned
				Attorney Docket Number	4259P070
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature		Date Considered	3/18/07
--------------------	---	-----------------	---------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). *For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

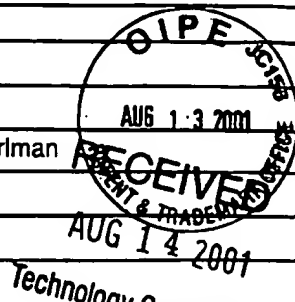
Please type a plus sign (+) inside this box 











PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			<i>Complete if Known</i>	
			Application Number	09/871,415
			Filing Date	May 30, 2001
			First Name of Inventor	Stephen G. Perlman
			Group Art Unit	Unassigned
Examiner Name	Unassigned			
Sheet 1 of 3	Attorney Docket Number 4259P070			

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	6,073,168		Mighdoll, et al.	6-6-2000
	6,141,693		Perlman, et al.	10-31-2000
	5,896,444		Perlman, et al.	4-20-1999
	5,371,551		Logan, et al.	12-6-1994
	6,223,389 B1		Barton, et al.	5-15-2001
	5,978,381		Perlman, et al.	11-2-1999
	6,023,585		Perlman, et al.	2-8-2000
	6,134,590		Perlman	10-17-2000
	6,169,879 B1		Perlman	1-2-2001
	5,983,273		White, et al.	11-9-1999

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS			
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).		Translation? Yes/No

Examiner Signature 	Date Considered 8/18/01
--	-------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box 

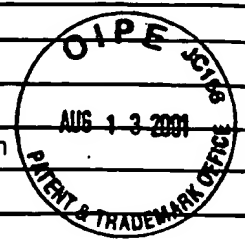
PTO/SB/08A (10-96)











Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

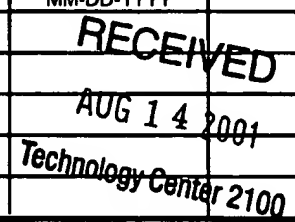
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	09/871,415	
			Filing Date	May 30, 2001	
			First Named Inventor	Stephen G. Perlman	
			Group Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	2	of	3	Attorney Docket Number	4259P070



U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	5,931,949		Perlman, et al.	8-3-1999
	6,026,079		Perlman	2-15-2000
	6,199,114 B1		White, et al.	3-6-2001
	5,918,013		Mighdoll, et al.	6-29-1999
	5,862,220		Perlman	1-19-1999
	5,721,827		Logan, et al.	2-24-1998
	5,732,216		Logan, et al.	3-24-1998
	5,892,536		Logan, et al.	4-6-1999
	5,986,692		Logan, et al.	11-16-1999
	6,088,455		Logan, et al.	7-11-2000
				1-7-1997

FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Office or Country	Number	Date		



OTHER DOCUMENTS			
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).		

Examiner Signature 	Date Considered 
--	---

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box

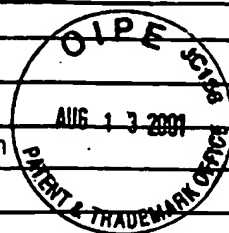
PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

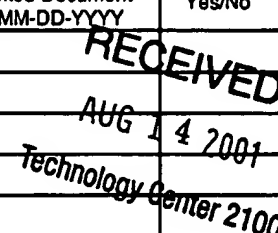
Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Applicati n Num b r	09/871,415		
		Filing Date	May 30, 2001		
		First Named Inv nt r	Stephen G. Perlman		
		Group Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	3	of	3	Attorney Docket Number	4259P070



U.S. PATENT DOCUMENTS					
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
AM		6,199,076 B1	Logan, et al.	3-6-2001	10-2-1996
AM		RE 36,801	Logan, et al.	8-1-2000	4-18-1996
AM		5,631,651	Nichols, et al.	5-20-1997	6-7-1995
AM		5,627,539	Lynch, et al.	6-6-1997	4-22-1996
AM		5,495,246	Nichols, et al.	2-27-1996	5-10-1993
AM		5,799,190	Lynch, et al.	8-25-1998	8-9-1994
AM		5,727,233	Lynch, et al.	3-10-1998	8-2-1994
AM		5,515,373	Lynch et al.	5-7-1996	1-11-1994
AM		5,634,074	Devon et al.	5-27-1997	5-7-1993
AM		5,938,748	Lynch et al.	8-17-1999	9-11-1997

FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

RECEIVED
AUG 14 2001
Technology Center 2100



OTHER DOCUMENTS			
Examiner Initials *		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation Yes/No

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.